

## List of 2018-2019 CUNY Research Scholars Program participants

### **Izabella Bemiaminova**

“Alzheimer’s and Diabetes: is abnormal tau the link?”

**Mentor:** Alejandra Alonso, Ph.D.

*2019 CRSP Symposium Poster Presentation 1<sup>st</sup> Prize Winner*

### **Ommiya Butt and Begzodjon Musaev**

“Neurobehavioral Effects In Mice Exposed To Dibutyl Phthalate”

**Mentor:** Abdeslem El Idrissi, Ph.D.

### **Deneisha Campbell and Sathis Niranchchan**

“Exploring TGF- $\beta$  Signaling in Glioblastoma Multiforme (GBM)”

**Mentor:** Nancy Liu-Sullivan, Ph.D.

### **Ting Ting Chen**

“Does Staten Island Have a Problem With Microplastics? A Pilot Study of Microplastics on Lemon Creek.”

**Mentor:** Jane Alexander, Ph.D.

### **Adnan Elcharfa**

“Modulation of Handedness in CD-1 Mice by Transcranial Direct Current Stimulation”

**Mentor:** Ahmed Zaghoul, Ph.D.

### **Alex Fiero**

“Does Staten Island have a problem with a Microplastic? An environmental survey of South Beach.”

**Mentor:** Jane Alexander, Ph.D.

### **Edmond George**

“Hydrophobic-Hydrophilic Surfaces for Anti-Soiling Applications”

**Mentors:** Alan Lyons, Ph.D., Illya Nayshevsky, Ph.D., QianFeng Xu, Ph.D.

### **Abdonnie Holder**

“Mouse Model of Tau Induced Neurodegeneration”

**Mentor:** Alejandra Alonso, Ph.D.

### **Miguel Hurtado and Marjan Perbibaj**

“Using Machine Learning and Brain EEG Signals to control Robots”

**Mentor:** Aleksandar Haber, Ph.D.

### **Konstantin Novichenko**

“Modeling Collaboration between Autistic Players using a Kinect Game”

**Mentor:** Deborah Sturm, Ph.D.

**Francesco Pecora**

“Estimation of Temperature Dynamics using Machine Learning Methods”

**Mentor:** Aleksandar Haber, Ph.D.

**Nana Samaké**

“Role of Taurine in Testicular Function in the Fragile x Mouse”

**Mentor:** Professor Abdeslem El Idrissi

**Arouje Shaikh and Briana Soto**

“PI3K Pathway Gene Expression Patterns in Glioblastoma Multiforme (GBM)”

**Mentor:** Nancy LiuSullivan, Ph.D.

*2019 CRSP Symposium Poster Presentation 2<sup>nd</sup> Prize Winner*

**Clayton Shaw**

“Up-cycling Ibuprofen”

**Mentor:** Leonard Ciaccio, Ph.D.